

FIXING DEVICE OF SIGNAL CABLE

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Abstract

PROBLEM TO BE SOLVED: To provide a fixing device by which the airtight sealing between a signal cable and an apparatus housing and the electromagnetic shielding can be achieved simultaneously and the signal cable can be attached easily with a simplified attachment structure.

SOLUTION: A coaxial cable 2 through which an electric signal is transmitted and received inside and outside an apparatus is fixed to the housing 5 of an apparatus with the circumference of the fixing hole 6 by a fixing device which has a fixing tool 3 consisting of a conductive screw part 34 which is inserted into the fixing hole and a flange part 31 which is pressed against the wall part of the housing 5. A coaxial cable 2 is inserted through the hollow part of the screw part 34. A conducting member 37 is held between the screw part 34 and the coaxial cable 2 to bring them in a continuity with each other. Further, the airtight sealing between the coaxial cable 2 and the screw part 34 is achieved by a sealing member 36.

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